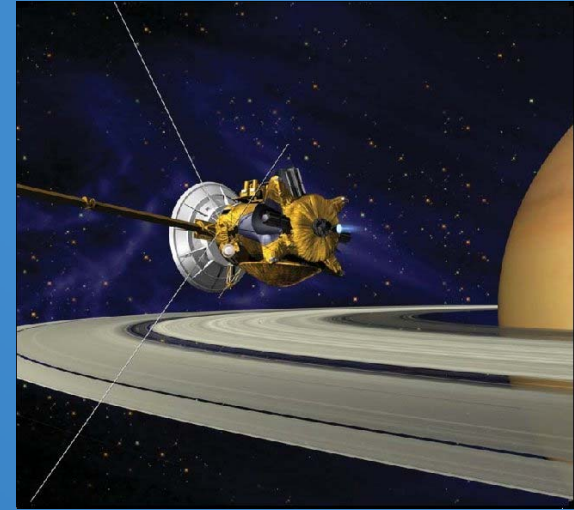
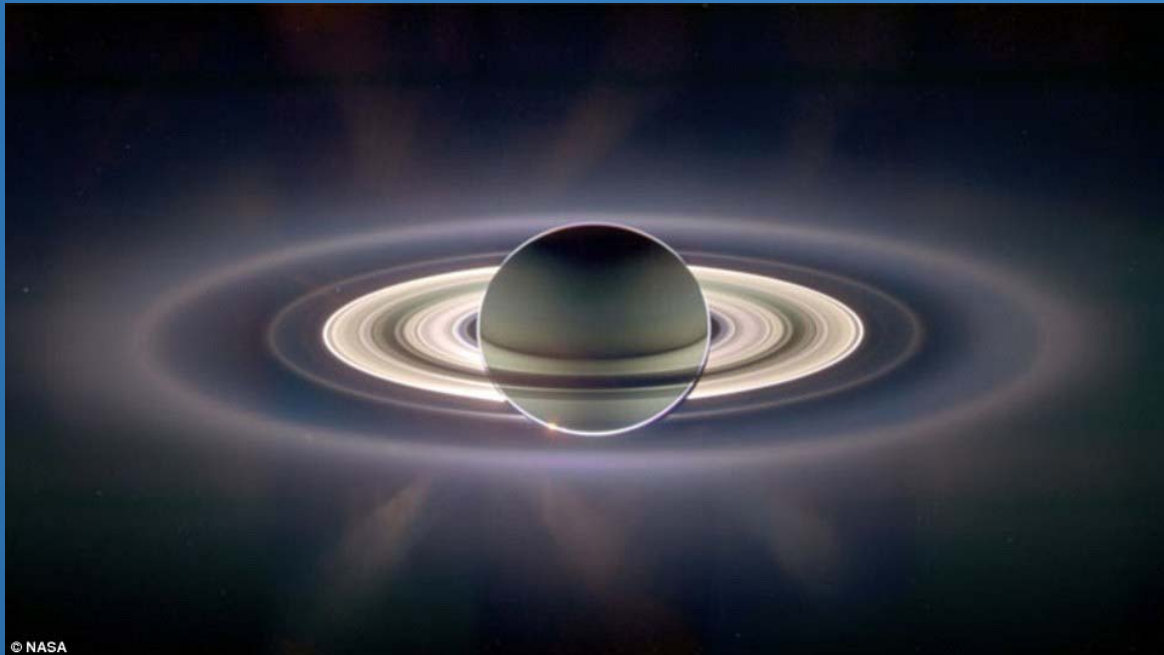


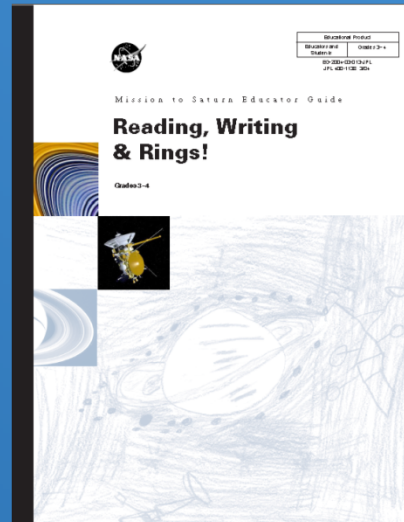
Reading Writing and Rings!



NASA Educator Professional Development

Educator Guide

- Language Arts Base
 - Bring together reading, writing and science
 - Scientific thinking and intelligent use of language go hand in hand
- Two Guides
 - 1-2 – 10 Lessons
 - 3-4 – 12 Lessons
- Focused on the Cassini mission to study
 - Saturn
 - Saturn's Ring System
 - Saturn's Major Moons



Lesson Functions

- Draw on Relevant Knowledge and experience as preparation
 - 1-2 – Lesson 1
 - 3-4 – Lessons 1-5
- Consolidate and Review ideas and experiences
 - 1-2 – Lessons 2,3,4,5,7,8
 - 3-4 – Lessons 4,5,9,10,11,12
- Reformulate and Extend Knowledge
 - 1-2 – Lessons 6,8,10
 - 3-4 – Lessons 6,9,12

Format

- Each Lesson has a Language Arts and a Science Focus
- Objectives
- Teacher Preparation
- What to Do
- Extensions
- Assessment
- Standards
- Examples of Student Work / Resources



Name _____ Date 1-31-23

Draw what you know about Saturn and the Cassini spacecraft.

What I know about Saturn



Pre-assessment

Saturn Poem

Name _____



S _____
A _____
T _____
U _____
R _____
N _____

WHO AM I?

Who am I? I've been
mysterious for many years.

The true Lord of The Rings.

Swirling gas storms, a huge magnetosphere,
most beautiful planet, with yellow dandelion colors
and coffee spilled in not-even spirals.

Who am I? Who am I?

Rings, rings, with a Cassini division

As wide as
a soccer field

As bumpy with chunks of rocks as a
old cement road.

Titan's near me and my
other friends... who am I?

Formed more
Than 6 billion years ago
Do you recognize me?

I'm
Saturn.

Saturn

other
moons

By Aily Zhang

Titan